

19991026.ba v02\_n712.bam.991026

>From ???@??? Wed Oct 27 04:58:05 1999  
Message-Id: <199910262152.d9QLqYT11396@sco.theporch.com>  
Date: Tue, 26 Oct 1999 16:48:18 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2712

BOATANCHORS Digest 2712

Topics covered in this issue include:

- 1) Re: Asbestos Hazard in BAs?  
by GEORGE J MISIC <ke8rn@juno.com>
- 2) Re: T 368 antenna base  
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 3) RE: T 368 antenna base  
by "WF2U" <mbendror@villagenet.com>
- 4) RE: Asbestos Hazard in BAs?  
by "Ed Tanton" <n4xy@att.net>
- 5) Re: Asbestos Hazard in BAs?  
by "Sandy Blaize" <ebjr@i-55.com>
- 6) Zenith Trans-0 help wanted...  
by Sandy Gerli <angerli@esslink.com>
- 7) Lafayette HA-350  
by hikrbikr@erols.com
- 8) RE: Sound Ranging  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 9) Re: Lafayette HA-350  
by Mike Souhrada <wb9iog@revealed.net>
- 10) Toob Testers and SX-110 - Calgary Hamfest  
by Deane D McIntyre <dmcintyr@ucalgary.ca>
- 11) Re: Regen Detector Pentode Characteristics  
by "Steve" <scb@loki.internettport.net>
- 12) RE: Asbestos Hazard in BAs?  
by "Brian Goldsmith" <goldsmith@oup.com.au>
- 13) Re: Asb... good no-nos, bad no-nos  
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 14) B&W850A  
by Ronnie Hull <w5sum@nwla.com>
- 15) Re: Sound Ranging  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 16) Re: Zenith Trans-0 help wanted...  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 17) WTB HAM-M rotator  
by "Ed Santavicca" <santavic@ct.picker.com>
- 18) T-19 scale window

by BEN NOCK <G4BXD@compuserve.com>  
19) GE 6DK6s  
by "Joseph W. Pinner" <kc5ijd@sprintmail.com>

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com, w8vrj1@juno.com, gmisic@medrad.com  
Subject: Re: Asbestos Hazard in BAs?  
Message-ID: <19991025.215509.6535.0.KE8RN@juno.com>  
From: GEORGE J MISIC <ke8rn@juno.com>  
Date: Mon, 25 Oct 1999 21:57:20 EDT

Neil and BA crew,

Paint the exposed edge with clear nail polish and don't worry about it. I wonder how many thousands of tons of asbestos fiber have been made airborne from auto brake linings? Dixie Lee Ray's book "Trashing the Planet" discusses asbestos at some length; it sure put my mind at ease about the use of it in radios like the HRO [not that I felt that it was a massive hazard before reading the book]. She notes that the airborne asbestos level in schools and other buildings is generally far higher after asbestos abatement than before, due to the process of disturbing it. Still, avoid removing it from your HRO, grinding it up, and inhaling it. 73.

George KE8RN

>Careful inspection of HR050 or 60 receivers reveals that the power  
>supply/AF and RF/IF chassis are separated by insulation. Period HRO  
>advertising indicates that this insulation is asbestos. Only the edge  
>of the insulation is exposed to open air. It appears that the majority  
>of the asbestos surface area is sandwiched between the two chassis but  
>the cut edge is exposed and fibers could come loose.

>

>Does anyone have any feel for the level of danger presented by this  
>asbestos? Is any particular action called for?

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Message-Id: <4.2.0.58.19991025191254.00b22c70@eimac.cpii.com>  
Date: Mon, 25 Oct 1999 19:15:57 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>  
Subject: Re: T 368 antenna base

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy

The antenna base as used on the GRC 26 radio shelter , that used the T 368 , was the MP-47 antenna base. Hope this helps the person who was looking for this information.

Paul

N6FEG

-----  
From: "WF2U" <mbendror@villagenet.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: T 368 antenna base

Date: Mon, 25 Oct 1999 22:21:22 -0400

Message-ID: <010d01bf1f58\$cc022920\$0291c0c0@meir-s\_nt4.villagenet.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

According to my GRC-26D manual:

On the shelter itself:

Receiving antenna:

Mast base bracket: MP-50-A

Mast base: MP-65-B

Whip antenna consisting of (from bottom to top): 2x MS-116-A, 1x MS-117-A, 1x MS-118-A.

Transmitting antenna:

Mast base bracket: MT-657/GRC

Mast base MP-76

Whip antenna consisting of (from bottom to top): 3x MA-116-A, 1x MS-117-A, 1x MS-118-A.

Doublet antenna (fixed position):

3x Masts AB-155/U, 3x Mast Base AB-154/U, RF cable assembly CG-693/U (this is the dipole center insulator/support with a 75ft. coax).

Mast assembly AB-155/U consists of: 8 mast sections MS-44, 3x guy plates MX-378/U, 4x Guy MX-383A/GRA-4 (52ft), red tag, 4x Guy MX-381A/GRA-4 (42ft), white tag, 4x Guy, MX-382A/GRA-4 (33ft), blue tag, 12x slide fastener FT-9, 1x halyard MX-516A/GRA-4.

73, Meir WF2U  
-----

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]  
On Behalf Of Paul Thekan  
Sent: Monday, October 25, 1999 10:16 PM  
To: Old Tube Radios  
Subject: Re: T 368 antenna base

Howdy

The antenna base as used on the GRC 26 radio shelter , that used the T 368 , was the MP-47 antenna base. Hope this helps the person who was looking for this information.

Paul  
N6FEG

-----  
From: "Ed Tanton" <n4xy@att.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Asbestos Hazard in BAs?  
Date: Mon, 25 Oct 1999 22:42:50 -0400  
Message-ID: <NBBBJDEEIFDDANGEGHLBGEEOHAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't believe I would worry about it unless there is some appearance of residues. I have two '60s and a 50 plus a parts 50, and I have never noticed any kind of abnormal residues-although it's possible I couldn't distinguish it from ordinary dust. I still would maintain that barring metal work, it's not a problem.

If you like, I think a small line of epoxy around any exposed edges ought to reduce any 'leakage' to near zero. But, having heard about this, I sure as heck wouldn't mess with taking those two chassis apart for any reason-nor would I perform any metal work of any type on either receiver chassis in the areas affected. I think the most obvious possibility for exposure would be the swapping of a tube socket or a can-electrolytic (if any are in that area.)

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-

-----  
Message-ID: <003401bf1f34\$49052e60\$f565e7d0@sandy-s-pentium>  
From: "Sandy Blaize" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Asbestos Hazard in BAs?  
Date: Mon, 25 Oct 1999 21:54:04 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
>Does anyone have any feel for the level of danger presented by  
this  
>asbestos? Is any particular action called for? Removal of the  
material?  
>Stabilize in place with some sort of sealer? Care if ever having  
to  
>seperate the two chassis? Ignore it? Send all HRO 50s and 60s to  
the  
>hazardous waste dump? What's your thoughts?  
>  
>Tnx and 73, Niel-WA5VLZ  
><http://www.io.com/~nielw/index.htm>  
>  
>

Neil,

    The "asbestos" hazard, like many things the EPA does, is  
grossly  
overdone! It takes more than a few whiffs of it to cause any  
trouble.  
If you don't work in a plant where the fibers were drifting  
around or it was being  
drilled, worked or abraded for hours on end, I'd not worry at all  
about it!

    All the old soldering iron cables, ladie's electric iron  
cables, heating  
pad cables etc. had an asbestos wrap under the fabric loom. I'd  
bet  
that less than 1 in 100,000 users were adversely affected by  
these.

    In short, unless you are going to abrade and sniff the dust  
intentionally  
for a long time, don't worry about it. A lot of EPA's "hazards"  
assume  
someone \*might\* be exposed at some time to an amount that \*might\*

possibly cause some health hazard, because they fed or dusted  
\*test\*  
animals with copious amounts of it and that \*did\* cause the  
animal  
some trouble.

Sorry for the "soap box" but I have grown tired of government  
mandated  
"chicken little" warnings, many of which have cost us all dearly  
WAY  
out of proportion to the alleged "hazard"!  
73,  
Sandy W5TVW

-----  
Message-ID: <38151B6C.C8961902@esslink.com>  
Date: Mon, 25 Oct 1999 23:09:32 -0400  
From: Sandy Gerli <angerli@esslink.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Zenith Trans-0 help wanted...  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Has anyone worked successfully on one of these? I've rescued one at a  
fest, and it has a rotten self-oscillation which sounds like a motorboat  
with the AF gain all the way down. I suspect the 4-section electrolytic  
is leaking. Gets signals okay, but the oscillation turns to squeals if  
the gain is turned up.

BTW, it's the G8005, with the all-black dial surround, and the mini  
7-pin tubes. Looks just like my Loktal-version one which seems to work  
fine.

I'd appreciate some tips.

73,  
Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association



Mike Steussy AE4R  
Vienna VA  
hikrbikr@erols.com

-----  
Date: Mon, 25 Oct 1999 23:42:55 -0400  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: RE: Sound Ranging  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199910252343\_MC2-8A62-A4E5@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Andre & Group,

One American sound ranging set was the AN/TRC-20, which was a modification of the SCR-610 (BC-659, etc.). It is covered in Change 2 to TM 11-615 of 04-19-45. I haven't looked at the change in a while, but as I recall, the microphones were about the size and shape of a gallon paint or syrup bucket (for you metric types, that's a little more than three litres, with a length to diameter ratio of about 1.8). I don't recall the details but will bring the change down and refresh my memory. The modified BC-659 was the RT-111/TRC-20. The PE-120-C became PP-1067/GR. =

Robert Downs  
WA5CAB  
Houston

-----  
Message-ID: <38152A98.35CF@revealed.net>  
Date: Mon, 25 Oct 1999 23:14:16 -0500  
From: Mike Souhrada <wb9iog@revealed.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>,  
"Richey, Jim - WA4URR" <jimwa4urr@juno.com>  
Subject: Re: Lafayette HA-350  
Content-Type: text/plain; charset=us-ascii



-----  
 Message-ID: <38153244.C09907D1@ucalgary.ca>  
 Date: Mon, 25 Oct 1999 22:47:19 -0600  
 From: Deane D McIntyre <dmcintyr@ucalgary.ca>  
 MIME-Version: 1.0  
 To: Old Tube Radios <boatanchors@theporch.com>  
 Subject: Toob Testers and SX-110 - Calgary Hamfest  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Gang:

Saturday was the semiannual Calgary fest, and as usual had to make a couple of trips to carry the junk err, boatanchors to the car afterward.

Found a nice SX-110 (for \$C60, about \$US40 for whoever is keeping track of these things) which was 100% original, down to the Hallicrafters tubes all with 1961 date codes. After some DeOxit and an alignment ( set was badly out of alignment; original wax over the coil slugs had never been disturbed) works FB.

To those who want to automatically retube their boatanchors as part of restoration....I tested all tubes in a Hickok 539A, and all had a Gm equal to the value in the RCA tube manual (excepting of course the 5Y3GT and 6H6, both with good emission). So back in the set they went. This must be one the last BA's with all octal tubes...I wonder why Halli used them long after everyone else had gone to miniature tubes?

I also got a Heath colour bar generator (\$1), enough #26 wire to last the rest of my life (about 4 pounds), a couple of boxes of various tubes, a 1957 (year of my birth) ARRL handbook from the person that sold me the SX-110, and for \$2, a Seco "VT Grid Circuit Tester", model GCT-8, the purpose of which I am not sure. It is in a attractive green wrinkle metal box. Mounted on the front are seven 9-pin soclets, three 7-pin sockets, and a octal socket. Beside each socket is a list of tube types that presumably can be tested in each socket. A multi position selects filament voltage (up to 12 volts). A 6AF6A eye tube is mounted in the box with its business end poking out. The position where the eye closes is marked "OK, the positions where the eye is almost closed is marked "?" and the position where the eye is open is marked "BAD". Inside is a small transformer, a Se rectifer, filter cap, a 12AU7 toob and a few resistors. A pot allows one to adjust (no toob in any test socket) the eye tohe such that it is just closed. What is the function of this box...my guess is toobs with grid emission (caused by gas in the toob?) I tried a few toobs in it, all lit up normally but the eye tube display did not change. Both the 6AF6A and 12AU7 have 1958 date codes.

Speaking of toob testers...my Hickok 539A has a roll chart dated 1957. Has settings (and sockets) for all the oldie toobs like the '27, '99, 171A and so forth but not for the '01A...does anyone have settings for this toob? Also, a sourse of setting info for post 1957 toobs would be appreciated. I had no problem getting a spare 81 bulb (used as a fuse) for this

unit, at a local auto parts store!

73, Deane D McIntyre VE6BP0  
dmcintyr@ucalgary.ca

-----  
Message-Id: <199910260509.AAA25579@loki.internettport.net>  
From: "Steve" <scb@loki.internettport.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 25 Oct 1999 23:46:36 +0000  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Re: Regen Detector Pentode Characteristics  
CC: boatanchors@theporch.com

Sandy Blaize- " One of my passions is to someday scrape up enough  
'01A's to build a 3 stage regenny: detector and two AF stages. I have  
all the OLD Thordarson interstage transformers, and the Marco vernier  
dials. Wish I could find some of the old General Radio surface  
mounting 4 pin sockets! /---/ The '01A's are truly "low-mu" triodes!"

Greetings;

The National Browning-Drake of the mid 1920s was a refinement of  
the then standard regenny-plus-2stage audio triple-01A arrangement  
by using a UX-199 as an RF amp/buffer (presumably because this tube  
had relatively low interelectrode capacitance) thus reducing the antenna  
loading (as well as re-radiation when receiving CW). Yet another past  
possession long gone.

Regards; Steve

-----  
From: "Brian Goldsmith" <goldsmith@oup.com.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Asbestos Hazard in BAs?  
Date: Tue, 26 Oct 1999 18:14:34 +1000  
Message-ID: <001b01bf1f8a\$23353260\$1ecf868b@pc-home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Oh dear, shades of "ozone" again!  
Brian Goldsmith.

> -----Original Message-----

> From: owner-boatanchors@theporch.com  
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Sandy Blaize  
> Sent: Tuesday, 26 October 1999 7:54  
> To: Old Tube Radios  
> Subject: Re: Asbestos Hazard in BAs?  
>  
>  
>  
> >  
> >Does anyone have any feel for the level of danger presented by  
> this  
> >asbestos? Is any particular action called for? Removal of the  
> material?  
> >Stabilize in place with some sort of sealer? Care if ever having  
> to  
> >seperate the two chassis? Ignore it? Send all HRO 50s and 60s to  
> the  
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> >  
> >Tnx and 73, Niel-WA5VLZ  
> ><http://www.io.com/~nielw/index.htm>  
> >  
> >  
> Neil,  
> The "asbestos" hazard, like many things the EPA does, is  
> grossly  
> overdone! It takes more than a few whiffs of it to cause any  
> trouble.  
> If you don't work in a plant where the fibers were drifting  
> around or it was being  
> drilled, worked or abraded for hours on end, I'd not worry at all  
> about it!  
> All the old soldering iron cables, ladie's electric iron  
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> pad cables etc. had an asbestos wrap under the fabric loom. I'd  
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> possibly cause some health hazard, because they fed or dusted  
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> animals with copious amounts of it and that \*did\* cause the  
> animal  
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> Sorry for the "soap box" but I have grown tired of government  
> mandated  
> "chicken little" warnings, many of which have cost us all dearly  
> WAY  
> out of proportion to the alleged "hazard"!  
> 73,  
> Sandy W5TVW  
>

-----  
Date: Tue, 26 Oct 1999 06:54:56 -0400  
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199910261054.GAA05211@aaa4rm.ba-watch.org.>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Subject: Re: Asb... good no-nos, bad no-nos

In abbreviated tabular form

mat'l	good hazmat	bad hazmat
-----	-----	-----
freon	house	car
mercury	thermometer	866As
asbestos	B727	'81 Impala

So exemptions are granted where there's no substitute or the change-out costs are damaging rather than stimulating to the US economy.

I think these material exchange pogroms are economy-helpers (read job inventions) that outfits like Rand Corp. are now retained to staff with legions of non-science activists. The types that call an electrician to reset a house breaker. Or advertise their car's for sale to "serious inquirers only."

Lets ask Milton Friedman, not the EPA

postscript

changed out brakes in a '56 Merc with a list-member some 8 yrs back. Used composition re-linings on old shoes. Barely stopped going forward. Wouldn't stop in reverse on a driveway hill.

took `em apart & puzzled over the assembly. it was just right.

Date: Tue, 26 Oct 1999 10:24:07 -0400

From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: Re: Sound Ranging  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199910261024\_MC2-8A7D-8DFD@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Message text written by INTERNET:AviDov@aol.com

>What about the GR-6 or -6A Sound Ranging Sets ? Wasn't there also a G-8 =  
?

All of these were in service during WW2 as I recall off the top of my head.

=

<

That's correct. I had completely forgotten about the GR-\*. The earliest that I list is GR-3-C from 1943. The earliest that I actually have a TM on is GR-6-A (also AN/TNS-3) from 1951 and 1961. The last one that I show is GR-8 with manuals from 09/45 up to 1960.

Robert Downs  
WA5CAB  
Houston

-----  
Message-Id: <3.0.1.32.19991026094512.009b9690@vuse.vanderbilt.edu>  
Date: Tue, 26 Oct 1999 09:45:12 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: Re: Zenith Trans-0 help wanted...  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:09 PM 10/25/99 -0400, you wrote:

>

>Has anyone worked successfully on one of these? I've rescued one at a  
>fest, and it has a rotten self-oscillation which sounds like a motorboat  
>with the AF gain all the way down. I suspect the 4-section electrolytic  
>is leaking. Gets signals okay, but the oscillation turns to squeals if  
>the gain is turned up.

>

>BTW, it's the G8005, with the all-black dial surround, and the mini  
>7-pin tubes. Looks just like my Loktal-version one which seems to work  
>fine.

>

>I'd appreciate some tips.

I've done four of them. Once fixed, they work very nicely for what they are. Remember that the R-520 was nothing but a T0 in olive drab. The tuning arrangement is especially convenient, since most of the bands are spread out fairly well.

Bottom line is that you need to replace EVERY paper cap in the unit. Sometimes the electrolytics are OK, sometimes they are not. The 7-pin tube units used lots of Black Beauty caps, which are invariably leaky. You can't begin to troubleshoot until the caps are replaced. The job is not that hard, takes about 3-4 hours. Check the tubes and hope that your 1L6 is OK.

A. B. Bonds

-----  
Message-Id: <199910261550.LAA05298@central.picker.com>

From: "Ed Santavicca" <santavic@ct.picker.com>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Tue, 26 Oct 1999 11:31:56 -0500

MIME-Version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: Quoted-printable

Subject: WTB HAM-M rotator

Does anyone have an extra Ham-M rotator control box they would like to sell? A friend of mine has one and it=92s dead. His name is Rich Merhar (WE8T) and his e-mail address is{ [HYPERLINK mailto:merhar@ct.picker.com](mailto:merhar@ct.picker.com) } = merhar@ct.picker.com if you want to talk to him directly.

tnx

73, Ed

AA8TV

-----  
Date: Tue, 26 Oct 1999 14:34:06 -0400

From: BEN NOCK <G4BXD@compuserve.com>

Subject: T-19 scale window

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <199910261434\_MC2-8A8C-7135@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable



